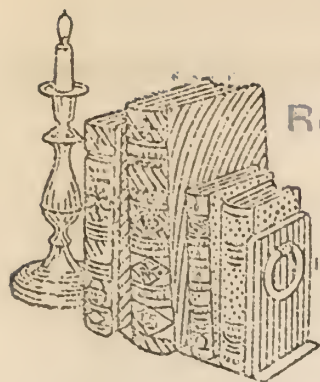


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## LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 8, Nos. 6 &amp; 7.

December 1949-January 1950.

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"Reading is the medium of association with people  
of the past and the present."

--John Adams Lowe.

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## NEW BOOKS IN THE LIBRARY

FUTURE FOOD AND AGRICULTURE POLICY: A PROGRAM FOR THE NEXT TEN YEARS, by John D. Black and M. E. Kiefer. McGraw-Hill, 1948. 348p. 281 B56F

"This is a book on the food and agricultural problems that face the United States and the world in the next ten years. Its orientation is primarily that of the United States, but it includes other countries because they have the same problems and much of the time are part of the same problem. The measures discussed and proposed in this book thus have international significance far beyond the boundaries of the United States. ... This book undertakes to combine ... two important interests, the well-being of farming folk and the better nutrition of mankind, and outlines methods and procedures in both the national and international spheres of action that will achieve these two objects together."

From page one of the text.

HYDROLOGY, by C.O. Wisler and E. F. Brater. Wiley, 1949. 419p. 292 W752

Though written for use as a college or university textbook, this book will probably be of value to all who are interested in hydrology. It contains chapters on the hydrograph, the drainage basin, precipitation, water losses, infiltration, ground water, runoff, floods, and stream-flow records.

PASTURES: GRAZING, HAY, AND SILAGE CROPS, by R. R. Lancaster and others. Smith, 1949. 500p. 60.1 L22

"This is a book dealing with a specialized phase of crop production. It is also a soil conservation, erosion control text. Instead of dealing with the all-too-well-known facts of soil losses, it centers attention upon the positive side--the solution of land-holding, soil-conserving problems. In outlining wise and profitable uses of land, it deals with providing year-around vegetative cover. This is nature's way of protecting the soil. ... In this text will be found, not only ways of establishing such protective cover, but, of even greater interest to farmers, suggestions for making it a major source of income. This book classifies and discusses forage plants on the basis of use. It presents all-year grazing systems. It deals with every kind and type of pasture, including the native grasslands of the Southwest." From the Preface.



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## LIBRARY PATRON PRAISES BOOK

After reading THE AMERICAN IDEA by E. T. Adams and others, Harry M. Galloway, PISAE, of Cleveland, Oklahoma, made the following remarks in a letter to the librarian: "This particular book is one of the best that I have seen in many years and I will heartily recommend it as reading for any persons in our line of work. ... We would all profit by its study." Have you read this book? We had a note about it on page six of the September 1949 Library Newsletter.

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## SELECT ED BULLETINS

### Agricultural Economics

"Agricultural Finance Review." BAE. Nov. 1949. 85p. and statistical appendix.  
1.9 Ec78Af

Are you acquainted with this annual publication of the Bureau of Agricultural Economics? It contains some very interesting and useful information. Among the articles in this issue are: Potentialities of Farm Debt Distress, The Rural Electrification Program, Uses and Misuses of the Balance Sheet of Agriculture, Significance to Farmers of Housing Act of 1949, Farm Real Estate Developments, Farm-Mortgage Debt Shows Further Rise in 1948, Crop Insurance, Recent Studies of Insurance Carried by Farmers, Research Projects in Agricultural Finance.

"European Cooperatives As Markets For United States Farm Products," by J. H. Heckman. USDA Foreign Agriculture Report No.39. 1949. 66p. 1.943 F763

"Farm Mortgage Interest Charges and Interest Rates, 1940-48," by S. L. Yarnall. USDA Cir. 821. 1949. 30p. 1 Ag84C 821

"Farm Production, Practices, Costs, and Returns." USDA Statistical Bul. No. 83. 115p. 1 Ag84S

"Price Spreads Between Farmers and Consumers," by R. O. Beem. USDA Agricultural Information Bul. No. 4. 1949. 95p. 1 Ag84

"Production Items and Costs for Enterprises on Rice Farms," by M. W. Slusher and Troy Mullins. Ark. Agr. Expt. Sta. Bul. 489. 1949. 35p. 100 Ar42 489

"The Stock-Share Lease," by J. H. McCoy. Kan. Agr. Expt. Sta. Cir. 252. 1948. 45p. 100 K13S 252

"Using Credit to Finance Farmhouse Improvements," by L. W. Reynolds. USDA Misc. Pub. 701. 13p. 1 Ag84M 701

### Agriculture

"Changes in American Farming," by S. E. Johnson. USDA Misc. Pub. 707. 1949. 75p. 1 Ag84M 707

"Farm Land Development: Present and Future By Clearing, Drainage, and Irrigation," by H. H. Wooten and M. R. Purcell. USDA Cir. 825. 1949. 67p. 1 Ag84C

"Grain Production and Marketing," by G. A. Collier. USDA Misc. Pub. 692. 1949. 78p. 1 Ag84M 692

"A Graphic Summary of World Agriculture," by R. G. Hainsworth. USDA Misc. Pub. 705. 51p. 1 Ag84M 705

"Tenure Improvement for a Better Southwest Agriculture." Ark. Agr. Expt. Sta. Bul. 491. (Southwestern Regional Bul. No. 2) 1941. 38p. 100 Ar42 491

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### A NOTE ABOUT PERIODICALS

We are revising periodical circulation lists and are adding new names as rapidly as possible. Revision is quite a task since there have been many requests for periodicals since we issued the new periodical list in November. Remember that some of the circulation lists are very long and that those magazines may be rather old when they reach you. You help alleviate this situation by reading and forwarding each periodical as quickly as possible.

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#### Agronomy

"Alta and Kentucky 31 Fescue Production in Tennessee," by H. W. Wallhausen.  
Tenn. Agr. Col. Ext. Leaflet 95. 1948. 4p. 275.29 T25L 95

"Growing Alfalfa," by H. M. Tysdal and H.L. Westover. USDA Farmers' Bul. 1722.  
Revised 1949. 33p. 1 Ag84F 1722

#### Feeds and Feeding

"Commercial Feeding Stuffs From September 1, 1948 to August 31, 1949," by F. D. Brock and M. P. Holleman. Tex. Agr. Expt. Sta. Bul. 715. 1949. 146p.  
100 Ts1S 715

"Dried Sweet Potatoes as a Replacement for Corn in Fattening Beef Cattle," by A. E. Darlow and others. Okla. Agr. Expt. Sta. Bul. 342. 1950. 15p.  
100 Ok4B 342

"Experiments in Rearing Calves Without Whole Milk and With Limited Amounts of Skim Milk," by H. T. Converse. USDA Cir. 822. 1949. 31p. 1 Ag84C 822

#### Fence Post Preservation

"Fence Post Preservation by the Cold-Soak Method," by R. D. Dixon and M. M. Murphy. Ga. Agr. Expt. Sta. Cir. 161. 1949. 8p. 100 G29C 161

"Preservative Treatment of Fence Posts by Cold-Soaking in Pentachlorophenol-Fuel-Oil Solutions," by C. S. Walters and D. A. Kulp. Ill. Agr. Expt. Sta. Forestry Note 11. 1950. 4p. 99.9 IL62 11

#### Forestry

"Characterization and Comparison of Forest Stands by Means of Phytographs," by J. S. Rowe. Canada...Dominion Forest Service. Silvicultural Research Note. 93. 1949. 8p. 99.9 Cl6Re 93

"Forest Grazing in South Alabama and West Florida," by J. J. Brasington. Southern Forest Experiment Station. 1949. 22p.

"Forest Utilization in the Transitional Stage," by G. A. Garratt. Duke University School of Forestry Lectures No.8. 1949. 28p. 99.9 D88 8

"Selected Bibliography of Canadian Forest Literature, 1917 - 1946," by W. M. Robertson. Canada...Dominion Forest Service. Misc. Silvicultural Res. Note No. 6. 1949. In 3 parts. 99.9 Cl6M 6

"Simplified Plane-Table Orientation," by E. S. Atkins. Canada...Dominion Forest Service. Silvicultural Leaflet 33. 1949. 2p. 99.9 Cl6S



Pasture and Forage

- "Pasture Work at the Northeast Louisiana Experiment Station," by C.B. Haddon.  
La. Agr. Expt. Sta. Bul. 441. 1949. 8p. 100 L93 441
- "Will More Forage Pay?" USDA Misc. Pub. 702. 90p. 1949. 1 Ag84M 702  
Economic aspects of using more pasture and forage on farms, a progress report.

Pecans

- "Equipment Developed for the Mechanical Harvesting of Pecans," by F. R. Brison and H.P. Smith. Tex. Agr. Expt. Sta. Progress Report 1196. 2p. 100 T31P
- "Propagation of Pecans by Budding and Grafting," by J. F. Rosborough and others. Tex. Agr. Col. Ext. Bul. 166. 1949. 27p. 275.29 T312

Reports

- "Report on the Agricultural Experiment Stations, 1948." 1949. 157p. 1 Ag84
- "Report of the Administrator of the Commodity Exchange Authority, 1949." 22p.
- "Report of the President of the Commodity Credit Corporation, 1949." 15p.
- "Report of the Director of Finance, 1949." 36p. USDA.
- "Report of the Librarian, 1949." USDA. 11p.
- "Report of the Chief of the Office of Plant and Operations, 1949." USDA. 15p.
- "Report of the Director of Personnel, 1949." USDA. 16p.
- "Report of the Administrator of the Rural Electrification Administration, 1949." 22p.
- "Report of the Chief of the Soil Conservation Service, 1949." 84p.
- "Report of the Solicitor to the Secretary of Agriculture, 1949." 36p.

Soil Conservation

- "Conservation Methods in Cotton Production," by B. H. Hendrickson. USDA Misc. Pub. 694. 1949. 32p. 1 Ag84M 694
- "Dust Storms Come From the Poorer Lands," by H. H. Finnell. USDA Leaflet 260. 8p. 1 Ag84L 260
- "Grass Waterways," by H. H. Gardner and E. Freyburger. USDA Leaflet 257. 1949. 8p. 1 Ag84L 257
- "Streambank Plantings for Erosion Control in the Northeast," by F. C. Edminster. USDA Leaflet 258. 1949. 8p. 1 Ag84L 258
- "Use the Land and Save the Soil," by R. H. Musser. USDA Progress Aid 71. 1949. 16p.

Sorghum

- "Drying and Its Effects on the Milling Characteristics of Sorghum Grain." Tex. Agr. Expt. Sta. Bul. 710. 1949. 44p. 100 T31S 710
- "Sirup Sorghum Varieties in Oklahoma Sorghum Performance Tests 1943-1948," by J. E. Sieglinger and others. Okla. Agr. Expt. Sta. Bul. 340. 1949. 19p. 100 Ok4B 340

Weed Killers

- "Chemical Control of Johnson Grass at the Blackland Station," by E. N. Stiver and others. Tex. Agr. Expt. Sta. Progress Report 1201. 1949. 2p. 100 T31P
- "Control of Noxious Perennial Grasses With the Trichloroacetates," by G. L. McCall and J. W. Zahnley. Kan. Agr. Expt. Sta. Cir. 255, 1949. 8p. 100 K13S 255
- "Responses of Cotton to 2,4-D," by D. R. Ergle and A. A. Dunlap. Tex. Agr. Expt. Sta. Bul. 713. 1949. 18p. 100 T31S

Miscellany

- "Charcoal Rot of Plants in East Texas," by P. A. Young. Tex. Agr. Expt. Sta. Bul. 712. 1949. 33p. 100 T31S 712
- "Cheese in Your Meals." USDA Leaflet 262. 1 A<sup>u</sup>84L
- "Commercial Fertilizers in 1948-49," by J. F. Fudge and T. L. Ogier. Tex. Agr. Expt. Sta. Bul. 714. 1949. 60p. 100 T31S 714
- "Fire Safeguards for the Farm," by R. R. Botts. USDA Farmers' Bul. 1643. Revised 1949. 32p. 1 Ag84F 1643
- "Grading Dressed Turkeys." USDA Farmers' Bul. 1815. Rev. 1949. 32p. 1 Ag84F
- "Physical and Chemical Characteristics of Slick-Spot Soils," by H. J. Harper and O. E. Stout. Okla. Agr. Expt. Sta. Manuscript Report Abstract No. 2. 1949. 3p. 100 Okra
- "Pork on the Farm: Killing, Curing and Canning," by K. F. Warner. USDA Farmers' Bul. 1186. Revised 1949. 38p. 1 Ag84F 1186
- "A Portable Thermistor Bridge for micro-meteorology Among Growing Crops," by H. L. Penman and I. Long. Reprinted from Journal of Scientific Instruments and of Physics in Industry. 1949. 4p.
- "Preservation of Agricultural Specimens in Plastics," by G. R. Fessenden. USDA Misc. Pub. 679. 1949. 78p. 1 Ag84M 679
- "Raising Earthworms for Fishbait," by R. E. Callender. Tex. Agr. Col. Ext. MS-696. 3p. 275.29 T312M
- "Raising Laboratory Mice and Rats," by O. Eaton and C. A. Cabell. USDA Leaflet 253. 1949. 10p. 1 Ag84L 253
- "Rural Library Service." USDA Farmers' Bul. 1847. Revised 1949. 32p. 1 Ag84F 1847
- "Social Aspects of Farm Mechanization in Oklahoma," by R. T. McMillan. Okla. Agr. Expt. Sta. Bul. 339. 1949. 35p. 100 Ok4B 339
- "Ten Years of Pittman-Robertson Wildlife Restoration," by R.M. Rutherford. Wildlife Management Institute, 1949. 128p. 279.9 W64T
- "This informative booklet describes the program standards and procedures, its origin, financial basis, the work done by the various states on all major game species. Half of the publication is devoted to tables giving such material as hunting license sales by states, numbers of birds and mammals livetrapped and transplanted, wildlife species investigated by states, and other useful reference material.
- "Training Rural Leaders: An FAO Study," Food and Agriculture Organization of the United Nations. 1949. 135p.
- A study of work being done at Shantan Bailie School, Kansu Province, China.



"Trends in the Texas Farm Population, 1949." Tex. Agr. Expt. Sta. Progress Report 1184. 1949. 5p. 100 T31P 1184

"The Use of Rice and Rice By-Products in the Laying Ration," by R. M. Smith. Ark. Agr. Expt. Sta. Bul. 478. 1949. 30p. 100 Ar42 478

"Your Farmhouse ... Heating." USDA Misc. Pub. 689. 1949. 24p. 1 Ag84M 689

#### ANOTHER NEW BOOK

SOIL SCIENCE SOCIETY OF AMERICA, PROCEEDINGS 1948. 1949. 587p. 56.9 So3  
Papers presented at the general program were "Japan's Dilemma Is Our Dilemma," by T. M. Bushnell, and "Technical Collaboration in Agriculture in the Western Hemisphere," by B. J. Birdsall.

I am listing below only a few of the papers from each of the sections.

##### Section I - Soil Physics

"Aggregation of the Silt and Clay Soil Separates in Relation to Yields and Run-off on Coastal Plain Soils," by S. J. Richards and others.

"Factors Affecting the Stability of Soil Aggregates," by R. E. Gish and G. M. Browning.

##### Section II - Soil Chemistry

"The Residual Effects of Phosphates Used on Long-Time Field Experiments," by M. E. Weeks and H. F. Miller.

"A Rapid Manometric Method for the Determination of Carbonate in Soils," by D. E. Williams.

##### Section III - Soil Microbiology

"Movement of Nitrogen in Flooded Soil Planted to Rice," by W. H. Willis and V. E. Green, Jr.

"The Effect of Quantity of Plant Material Added to Soil on Its Rate of Decomposition," by F. E. Broadbent and W. V. Bartholomew.

##### Section IV - Soil Fertility (The longest section this time.)

"Yield and Protein Content of Pasture Herbage as Influenced by Nitrogen Fertilization and Frequency of Clipping," by R. A. McCreery and M. Stelly.

"The Soluble Manganese Content of Acid Soils and Its Relation to the Growth and Manganese Content of Sweet Clover and Lespedeza," by H. D. Morris.

"Phosphorus Fertility and Movement Studies on Newly Reclaimed Sandy Soils," by C. D. Converse.

##### Section V - Soil Genesis, Morphology, and Cartography

"Composition of Alluvial Deposits Viewed as Probable Source of Loess," by A. H. Beavers and W. A. Albrecht.

"Rating Soils for Timber Sites," by R. E. Storie and A. E. Wieslander.

"A Site Classification for Eastern Red Cedar in the Ozarks," by J. L. Arend and R. F. Collins.

##### Section VI - Soil Technology

"The Collection and Study of Natural Soil Cores for Determining Irrigation Properties," by A. W. Marsh and L. R. Swarner.

"The Quality of Irrigation Water and Soil Permeability," by L. D. Doneen.

"Soil Moisture Variations as Influenced by Vegetation," by J. H. Axley and R. P. Thomas.

Please note: When properly wrapped for mailing, this book weighs more than four pounds. Consequently those who borrow it from the library will have to pay return postage on the book.